

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.usplo.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

23859

7590

09/20/2006

NEEDLE & ROSENBERG, P.C. SUITE 1000 999 PEACHTREE STREET ATLANTA, GA 30309-3915

EXA	MINER
ROSAR	IO, DENNIS
ART UNIT	PAPER NUMBER
2624	

DATE MAILED: 09/20/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/903,028	07/11/2001	Nuggehally S. Jayant	07816.105003	9832

TITLE OF INVENTION: ADAPTIVE EDGE DETECTION AND ENHANCEMENT FOR IMAGE PROCESSING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	12/20/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate All further	correspondence includir ed below or directed oth	no the Patent advance of	rders and notification of n a) specifying a new corres	naintenance fees w pondence address;	ill be r and/or	nailed to the current (b) indicating a separ	correspondence address as rate "FEE ADDRESS" for
CURRENT CORRESPOND	ENCE ADDRESS (Note: Use BI	ock 1 for any change of address)	Fee(s) Transmittal. This ers. Each additional	certifi paper,	cate cannot be used for	domestic mailings of the or any other accompanying at or formal drawing, must
23859	7590 09/20	/2006	nave			Ū	niccion
NEEDLE & R	OSENBERG, P.C		I her	reby certify that thi	s Fee(s	of Mailing or Transr) Transmittal is being	deposited with the United
SUITE 1000			State addr	es Postal Service we essed to the Mail	ith suff Stop I	icient postage for first SSUE FEE address	deposited with the United t class mail in an envelope above, or being facsimile te indicated below.
999 PEACHTRI			trans	smitted to the USPT	°O (571) 273-2885, on the da	te indicated below.
ATLANTA, GA	30309-3915						(Depositor's name)
	ō		,				(Signature) (Date)
	T				4.7770.7	NEW POOKETING T	
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR			RNEY DOCKET NO.	CONFIRMATION NO.
09/903,028 ·	07/11/2001 I: ADAPTIVE EDGE DI	ETECTION AND ENHA	Nuggehally S. Jayant NCEMENT FOR IMAGE	PROCESSING	(07816.105003	. 9832
THE OF INVENTION							
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0		\$1700	12/20/2006
EXAM	IINER	ART UNIT	CLASS-SUBCLASS				
ROSARIO), DENNIS	2624	382-268000				
1. Change of correspond CFR 1.363).	ence address or indicatio	n of "Fee Address" (37	2. For printing on the p			1	
_ ′	oondence address (or Cha B/122) attached.	inge of Correspondence	(1) the names of up to or agents OR, alternative		attorn	eys	
_	B/122) attached. lication (or "Fee Address		(2) the name of a single registered attorney or a	e firm (having as a	members of ur	era ²	
PTO/SB/47; Rev 03-6 Number is required.	02 or more recent) attach	ned. Use of a Customer	2 registered patent attor listed, no name will be	meys or agents. If r	io nam	e is 3	
3. ASSIGNEE NAME A	ND RESIDENCE DATA	A TO BE PRINTED ON	THE PATENT (print or typ	ne)			
PLEASE NOTE: Un	less an assignee is ident	ified below, no assignee	data will appear on the pa	itent. If an assigne	e is id	entified below, the do	cument has been filed for
(A) NAME OF ASSI		pietion of this form is NO	T a substitute for filing an a (B) RESIDENCE: (CITY		OI INT	RV)	
(A) NAME OF ASSI	GIVEE		(B) RESIDENCE. (CIT I	and STATE OR C	00111	K1)	
Please check the appropr	riate assignee category or	categories (will not be pr	rinted on the patent):	Individual Co	rporatio	on or other private gro	up entity Government
4a. The following fee(s)	are submitted:	41	b. Payment of Fee(s): (Plea	se first reapply an	y previ	iously paid issue fee s	hown above)
Issue Fee			A check is enclosed.				
	No small entity discount p		Payment by credit car				· 10.
☐ Advance Order -	# of Copics		The Director is hereby overpayment, to Depo	sit Account Number	ge the r	equired fee(s), any def	nciency, or credit any extra copy of this form).
5. Change in Entity Sta							
	ns SMALL ENTITY state		b. Applicant is no long				R 1.27(g)(2). e assignee or other party in
interest as shown by the	records of the United Sta	ites Patent and Trademark	office.	ne applicant; a regis	itered a	ttorney or agent; or th	e assignee or other party in
Authorized Signature		·		Date			
						•	
This collection of inform	nation is required by 37 C	FR 1.311. The information	on is required to obtain or r				
an application. Confiden	itiality is governed by 35	U.S.C. 122 and 37 CFR	1.14. This collection is est	imated to take 12 n	ninutes	to complete, including	by the USPTO to process) g gathering, preparing, and the you require to complete rtment of Commerce, P.O. or Patents, P.O. Box 1450,
this form and/or suggest	ions for reducing this bu	rden, should be sent to the	e Chief Information Office	r, U.S. Patent and	Fradem	ark Office, U.S. Depa	rtment of Commerce, P.O.
Alexandria, Virginia 223	niginia 22313-1430. DC 813-1450.	, NOT SEND FEES UK (COMPLETED FURMS IC	THIS ADDRESS	. senl	, 10. Commissioner i	oi raichis, P.O. BOX 1450,

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO. FILING DATE		FILING DATE FIRST NAMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.			
09/903,028	(07/11/2001	Nuggehally S. Jayant	07816.105003	07816.105003 9832			
23859	7590	09/20/2006		EXAM	EXAMINER ROSARIO, DENNIS			
NEEDLE & R	OSENBE	ERG. P.C.		ROSARIO				
SUITE 1000				ART UNIT	PAPER NUMBER			
999 PEACHTREE STREET ATLANTA, GA 30309-3915				2624 DATE MAILED: 09/20/2000				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 485 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 485 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.